

## METHOD FOR MANAGING FLUSHES WITH THE CACHE

### ABSTRACT OF THE DISCLOSURE

5           A method of and apparatus for improving the efficiency of a data processing system employing a multiple level cache memory system. The efficiencies result from managing the process of flushing old data from the second level cache memory. In the present invention, the second level cache memory is a store-in memory. Therefore, when data is to be deleted from the second  
10           level cache memory, a determination is made whether the data has been modified by the processor. If the data has been modified, the data must be rewritten to lower level memory. To free the second level cache memory for storage of the newly requested data, the  
15           data to be flush is loaded into a flush buffer for storage during the rewriting process.